

Customer No. 25280

Case No. 5019

CLAIM AMENDMENTS

Claims 1 – 16 (cancelled)

17. (currently amended) A treated substrate comprising  
a finish comprising a) solid compounds selected from the group consisting of metal  
particles, metal salts, metal oxides, and any combinations thereof, and b) at least one binder  
material, wherein said binder material, ~~after processing and application to said substrate, is not~~  
~~readily water soluble, is not susceptible to attack by a standard laundering additive selected~~  
~~from the group consisting of detergents, solvents, bleaches, or mixtures thereof, and is not~~  
~~susceptible to degradation due to exposure to high temperatures associated with standard~~  
~~laundry drying temperatures is selected from the group consisting of melamine-formaldehyde~~  
~~resins, acrylic resins, polyvinyl chloride/vinyl copolymers, and mixtures thereof;~~  
a substrate selected from the group consisting of a yarn, a fabric comprised of individual  
fibers, and a film, and having at least one surface thereof;  
wherein said finish is adhered to at least one portion of said surface of said substrate;  
wherein said finish is integrally retained on said at least one portion of said surface of  
said substrate, after 10 washes as performed in accordance with the wash procedure of AATCC  
Test Method 130-1981, in an amount of at least 30% of the amount of said finish present on  
said at least one portion of the surface of said substrate prior to the performance of any wash  
procedure.
18. (original) The substrate of Claim 17 wherein said substrate is an individual yarn.
19. (original) The substrate of Claim 17 wherein said substrate is a textile fabric.

Customer No. 25280

Case No. 5019

20. (original) The substrate of Claim 17 wherein said finish comprises silver particles.

21. (original) The substrate of Claim 17 wherein said treatment is integrally retained in an amount of at least 30% after 20 washes.

22. (original) The substrate of Claim 21 wherein said treatment is integrally retained in an amount of at least 30% after 30 washes.

\*\*There is no Claim 23.\*\*

24. (original) The substrate of Claim 21 wherein said substrate is an individual yarn.

25. (original) The substrate of Claim 21 wherein said substrate is a textile fabric.

26. (original) The substrate of Claim 21 wherein said finish comprises silver particles.

27. (original) The substrate of Claim 22 wherein said substrate is an individual yarn.

28. (original) The substrate of Claim 22 wherein said substrate is a textile fabric.

29. (original) The substrate of Claim 22 wherein said finish comprises silver particles.

30. (original) The substrate of Claim 17 wherein said at least one portion of said treated substrate exhibits a log kill rate for *Staphylococcus aureus* of at least 1.5 and a log kill rate for

Customer No. 25280

Case No. 5019

*Klebsiella pneumoniae* of at least 1.5 after 10 washes as performed in accordance with the wash procedure of AATCC Test Method 130-1981.

31. (original) The substrate of Claim 21 wherein said at least one portion of said treated substrate exhibits a log kill rate for *Staphylococcus aureus* of at least 1.5 and a log kill rate for *Klebsiella pneumoniae* of at least 1.5 after 10 washes as performed in accordance with the wash procedure of AATCC Test Method 130-1981.

32. (original) The substrate of Claim 22 wherein said at least one portion of said treated substrate exhibits a log kill rate for *Staphylococcus aureus* of at least 1.5 and a log kill rate for *Klebsiella pneumoniae* of at least 1.5 after 10 washes as performed in accordance with the wash procedure of AATCC Test Method 130-1981.